

**Missouri Assessment Program
Spring 2006**

Mathematics

Scoring Guides for Released Items

Grade 5

Session: 1
Item Number: 6
Page Number: 5
Content Standard(s): 4 **Patterns and Relationships**
Process Standard(s): 1.6, 3.6
Grade Level Expectation(s): A3A

Strand: 02 Algebraic Relationships

Exemplary Response:

- 48 (brownies)

AND

- Students must show how they got the solution, for example by a table or drawing, etc.

Number of Brownies Sold	6	12	18	24	30	36	42	48
Money Raised	4	8	12	16	20	24	28	32

OR

Other valid explanation

Score Points:

2 points Exemplary response

1 point Correct process

OR

Correct process with calculation errors

OR

Correct answer only

0 points Solution and process are erroneous or absent

Scoring Note: With correct answer allow mental math of either 8×6 or $32/4$ for 2 points.

Session: 1
Item Number: 8
Page Number: 7
Content Standard(s): 2
Process Standard(s): 1.6
Grade Level Expectation(s): M2C

Strand: 04 Measurement

Geometric/Spatial Sense and Measurement

Exemplary Response:

- 35 (square feet)

AND

- I counted the whole blocks and came up with 30. Then there were 10 half blocks that would make 5 whole blocks. I know that $30 + 5 = 35$.

OR

Other acceptable explanation

Score Points:

2 points Exemplary response

1 point Correct area only

OR

Correct explanation only

OR

Correct process with counting error that matches incorrect answer

0 points Other

Session: 1

Item Number: 17

Page Number: 13

Content Standard(s): 2 Geometric/Spatial Sense and Measurement

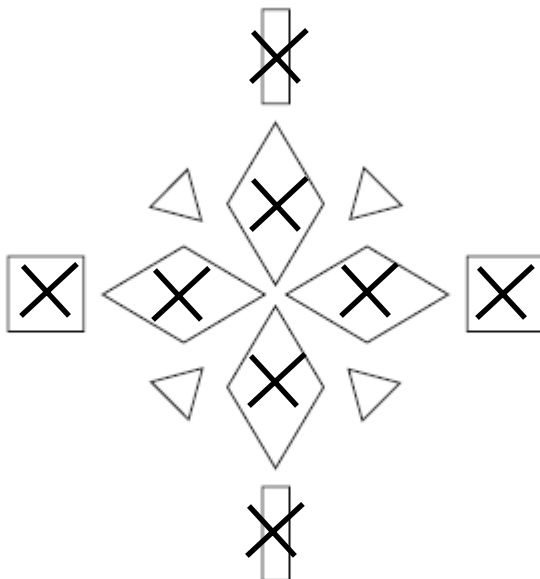
Process Standard(s): 1.5

Grade Level Expectation(s): G1A

Strand: 03 Geometric and Spatial Relationships

Exemplary Response:

•



AND

- Opposite sides are congruent and parallel.

OR

- Adjacent angles add up to 180° and opposite angles are congruent.

OR

- 2 Sets of parallel lines

OR

- Other valid explanation

Session: 1**Item Number:** 17**Page Number:** 13**Content Standard(s):** 2 **Geometric/Spatial Sense and Measurement****Process Standard(s):** 1.5**Grade Level Expectation(s):** G1A

Strand: 03 Geometric and Spatial Relationships

Score Points:

2 points Exemplary response

1 point Marked 8 parallelograms correctly with no triangles

OR

Correct characteristic

0 points Other

Session: 1**Item Number:** 24**Page Number:** 17**Content Standard(s):** 4 Patterns and Relationships**Process Standard(s):** 3.1**Grade Level Expectation(s):** A4A

Strand: 02 Algebraic Relationships

Exemplary Response:

Explanation equivalent to the following:

- Since he bakes 14 cakes each day, I added 14 for each day of the week until I got to 84.

OR

- | | | | | | |
|----|----|----|----|----|-----------|
| M | T | W | Th | F | Sat |
| 14 | 28 | 42 | 56 | 70 | <u>84</u> |

OR

Other valid explanation

AND

- (day of the week) Saturday

Scoring Note: Student may receive full credit for work that shows the student counted the 6 days and skipped either Saturday, OR Saturday and Sunday AND arrives at correct and appropriate answer based on work shown.

Score Points:

2 points Exemplary response

1 point Correct process; error in computation

OR

Correct answer only

0 points Other